

Title of Invention	METHOD AND APPARATUS FOR INFILM DEFECT REDUCTION FOR ELECTROCHEMICAL COPPER DEPOSITION																																																																																																
<p>Application Number: 10/774194 Confirmation Number: 6951 First Named Applicant: YI-CHIAU HUANG Attorney Docket Number: AMAT8461 Art Unit: 2812 Search string: (4557785 or 5022419 or 5095027 or 5154199 or 5221360 or 5409310 or 6039059 or 6062239 or 6167893 or 6199298 or 6200876 or 6217667 or 6240933 or 6286231 or 6295999 or 6309981 or 6318385 or 6319728 or 6319841 or 6333275 or 6350319 or 6357142 or 6401732 or 6413436 or 6446643 or 6446644 or 6463938 or 6537416 or 6547660 or 6550484 or 6558053 or 6558478 or 6569696 or 6615854 or 6684891 or 6722557 or 20020026729),pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>Init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>Q1</td><td>1</td><td>4557785</td><td>1985-12-10</td><td>OHKUMA</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>2</td><td>5022419</td><td>1991-06-11</td><td>THOMPSON, ET AL.</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>3</td><td>5095027</td><td>1992-03-10</td><td>GOLDBERG, ET AL.</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>4</td><td>5154199</td><td>1992-10-13</td><td>THOMPSON, ET AL.</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>5</td><td>5221360</td><td>1993-06-22</td><td>THOMPSON, ET AL.</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>6</td><td>5409310</td><td>1995-04-25</td><td>OWCZARZ</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>7</td><td>6039059</td><td>2000-03-21</td><td>BRAN</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>8</td><td>6062239</td><td>2000-05-16</td><td>BEXTEN</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>9</td><td>6167893</td><td>2001-01-02</td><td>TAATJES, ET AL.</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>10</td><td>6199298</td><td>2001-03-13</td><td>BERGMAN</td><td></td><td></td><td></td></tr><tr><td>Q1</td><td>11</td><td>6200876</td><td>2001-03-13</td><td>YAMAMOTO</td><td></td><td></td><td></td></tr></tbody></table>		Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	Q1	1	4557785	1985-12-10	OHKUMA				Q1	2	5022419	1991-06-11	THOMPSON, ET AL.				Q1	3	5095027	1992-03-10	GOLDBERG, ET AL.				Q1	4	5154199	1992-10-13	THOMPSON, ET AL.				Q1	5	5221360	1993-06-22	THOMPSON, ET AL.				Q1	6	5409310	1995-04-25	OWCZARZ				Q1	7	6039059	2000-03-21	BRAN				Q1	8	6062239	2000-05-16	BEXTEN				Q1	9	6167893	2001-01-02	TAATJES, ET AL.				Q1	10	6199298	2001-03-13	BERGMAN				Q1	11	6200876	2001-03-13	YAMAMOTO			
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Q5	12	6217667	2001-04-17	JOLLEY
Q5	13	6240933	2001-06-05	BERGMAN
Q7	14	6286231	2001-09-11	BERGMAN, ET AL.
Q5	15	6295999	2001-10-02	BRAN
Q7	16	6309981	2001-10-30	MAYER, ET AL.
Q5	17	6318385	2001-11-20	CURTIS, ET AL.
Q5	18	6319728	2001-11-20	BHAN, ET AL.
Q5	19	6319841	2001-11-20	BERGMAN, ET AL.
Q5	20	6333275	2001-12-25	MAYER, ET AL.
Q5	21	6350319	2002-02-26	CURTIS, ET AL.
Q5	22	6357142	2002-03-19	BERGMAN, ET AL.
Q5	23	6401732	2002-06-11	BERGMAN
Q5	24	6413436	2002-07-02	AEGERTER, ET AL.
Q5	25	6446643	2002-09-10	CURTIS, ET AL.
Q5	26	6446644	2002-09-10	DOLECHEK
Q5	27	6463938	2002-10-15	BRAN
Q5	28	6537416	2003-03-25	MAYER, ET AL.
Q5	29	6547660	2003-04-15	SUENAGA, ET AL.
Q5	30	6550484	2003-04-22	GOPINATH, ET AL.
Q5	31	6558053	2003-05-06	SHIGEMORI, ET AL.
Q5	32	6558478	2003-05-06	KATAKABE, ET AL.
Q5	33	6569696	2003-05-27	SUENAGA, ET AL.
Q5	34	6615854	2003-09-09	HONGO, ET AL.
Q5	35	6684891	2004-02-03	BRAN
Q5	36	6722557	2004-04-20	TANAKA

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications


init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
Q5	1	20020026729	2002-03-07	BERGMAN, ET AL.			

Remarks

Note: Remarks are not for responding to an office action.

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Signature

Examiner Name	Date
	8-16-2005